

EXHIBIT C

MIRIAM LEESER PHD
SINGULAR COMPUTING vs GOOGLE

March 08, 2023

1-4

UNITED STATES DISTRICT COURT

DISTRICT OF MASSACHUSETTS

SINGULAR COMPUTING, LLC.,

Plaintiff,

vs.

GOOGLE, LLC.,

Defendant.

VIDEOCONFERENCE DEPOSITION OF MIRIAM LEESER, Ph.D.,

Deposition taken with all parties appearing remotely,

on Wednesday, March 8, 2023, commencing at 10:59 a.m.

Court Reporter:

Pamela J. Carle, LCR, RPR, CRR

Page 1

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

I N D E X

MIRIAM LEESER, Ph.D.

WITNESS:

EXAMINATION:

By Mr. Seeve

By Mr. Narayen

PAGE

4/273

268

EXHIBITS FOR IDENTIFICATION:

LEESER

DESCRIPTION

PAGE

1

Expert report of Miriam Leeser

12

2

Pavle Belanovic thesis

56

3

Pavle Belanovic/Leeser article

69

4

Leeser article

167

5

Wang/Leeser paper

222

6

IEEE Standard for Floating-Point Arithmetic

224

7

WILDSTAR™ Hardware Reference Manual

291

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

APPEARANCES

For the Plaintiff:

PRINCE LOBEL TYE

One International Place, Suite 3700

Boston, Massachusetts 02110

By: Brian Seeve, Esq.

Matthias Kamber, Esq.

Cameron Panepinto, Esq.

Daniel J. McGonagle, Esq.

Matthew Vella, Esq.

617.456.8000

bseeve@princelobel.com

For the Defendants:

KEKER VAN NEST & PETERS

633 Battery Street

San Francisco, California 94111

By: Vishesh Narayen, Esq.

415.773.6635

vnarayen@keker.com

Also present:

Brianna Diaz

Anant Saraswat

Nathan Speed

Page 2

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

MIRIAM LEESER, Ph.D.,

having been duly sworn,

was deposed and testified

as follows:

EXAMINATION

BY MR. SEEVE:

Q. So good morning, Doctor Leeser. My

name is Brian Seeve; it's nice to meet you

remotely. I'm going to ask you questions at this

deposition, and I don't know if you've been

deposed before. Have you?

A. No, I have not.

Q. Okay. So I'll go through some of the

ground rules, and then we'll begin with the formal

testimony.

So the general idea is that I ask you

questions, and your attorney, Vishesh, has the

opportunity to object by saying objection, and

then you, unless instructed otherwise by your

attorney, answer those questions. Do you

understand?

A. Yes.

Q. Now, this deposition is being

videotaped, and you understand that as well,

correct?

Page 4

MIRIAM LEESER PHD
SINGULAR COMPUTING vs GOOGLE

March 08, 2023
13-16

<p style="text-align: right;">Page 13</p> <p>1 Q. Can you describe in your own words what 2 VFLOAT is? 3 MR. NARAYEN: Objection, vague. 4 A. Can you be more specific? 5 BY MR. SEEVE: 6 Q. I mean, I'm asking you to describe in 7 your own words what one of your own projects is. 8 I can't really be more specific. What is VFLOAT, 9 I guess is the question. 10 MR. NARAYEN: Objection, vague. 11 A. So VFLOAT is a research project I was 12 involved in, as were several of my students, where 13 we looked at variable precisions floating point 14 operations, and particularly mapping them to FPGAs. 15 BY MR. SEEVE: 16 Q. VFLOAT is a library of VHDL modules, is 17 that right? 18 A. So there's the VFLOAT project. Part of 19 that project we made a library of VHDL modules 20 available. So that is part of the VFLOAT project, 21 yes. 22 Q. What is the rest of the VFLOAT project? 23 MR. NARAYEN: Objection, vague. 24 A. So we use those modules for various 25 different applications.</p>	<p style="text-align: right;">Page 15</p> <p>1 Q. So HDL stands for hardware description 2 language, correct? 3 A. Correct. 4 Q. And VHDL is a particular hardware 5 description language, correct? 6 A. Correct. 7 Q. And the VFLOAT library is a collection 8 of VHDL files that represent modules for 9 performing arithmetic, right? 10 A. So the VFLOAT library is a set of 11 modules including modules that perform arithmetic. 12 Q. It's specifically a set of files that 13 specify modules for performing arithmetic, right? 14 A. For performing arithmetic and auxiliary 15 functions. 16 Q. Okay. 17 A. It's -- 18 Q. Understood. I'm just drawing a 19 distinction here between modules themselves, which 20 are circuits that are hardware, and the VFLOAT 21 library modules, which are actually computer files 22 which can be used to create hardware. That's a 23 fair characterization, correct? 24 MR. NARAYEN: Objection, 25 mischaracterizes the witness' testimony.</p>
<p style="text-align: right;">Page 14</p> <p>1 BY MR. SEEVE: 2 Q. So -- I'm sorry. 3 A. So there's the VFLOAT library, which 4 specifically use those VHDL modules that you talk 5 about, and then there are applications that we take 6 using the VFLOAT library as well. 7 Q. So is it correct to characterize the 8 VFLOAT library as a tool that can be used to 9 design circuits that can then be implemented on an 10 FPGA? 11 A. The VFLOAT library is a set of modules 12 that can be used to design circuits that are 13 implemented on an FPGA. 14 Q. And you're referring to the VFLOAT 15 project as a whole as comprising not only that 16 library, but also the work that you've done using 17 that library to implement various circuits on 18 various FPGAs, is that correct? 19 A. That's correct. 20 Q. Okay. Now, the VFLOAT library is 21 software, is that right? 22 A. It's a collection of VHDL modules, so 23 VHDL is a hardware description language, so -- but 24 that is code that is designed to map on to 25 hardware.</p>	<p style="text-align: right;">Page 16</p> <p>1 A. So you're asking about a distinction 2 between software modules and hardware modules, and 3 I never made that distinction. 4 BY MR. SEEVE: 5 Q. Well, I'm not saying you made the 6 distinction before. I'm just saying there is a 7 thing -- a hardware module is a physical, tangible 8 thing that exists on an integrated circuit or an 9 FPGA, and it's a circuit. And a VHDL file, for 10 example, one in the VFLOAT library that defines a 11 module, that is not a circuit, that is a computer 12 file, is that correct? 13 MR. NARAYEN: Objection, 14 mischaracterizes the witness' testimony. 15 A. So the VHDL description are software 16 files that describe components -- or, sorry, 17 modules -- that get mapped on to FPGA hardware. So 18 F -- I still -- I still don't understand your 19 definition of a hardware module. Like an FPGA, 20 it's programmable hardware. So it's not -- the 21 hardware module itself isn't a base entity. 22 BY MR. SEEVE: 23 Q. Okay. So I, for example, downloaded 24 the VFLOAT library from your website, for example, 25 and I have a directory of VHDL files, and those</p>

MIRIAM LEESER PHD
SINGULAR COMPUTING vs GOOGLE

March 08, 2023

41-44

<p style="text-align: right;">Page 41</p> <p>1 mischaracterizes the witness' prior testimony, 2 asked and answered, argumentative. 3 A. There are particular circuits designed 4 with the VFLOAT library and downloaded on to the 5 FPGA design and anticipate the claims, and the 6 details are laid out in the report. 7 BY MR. SEEVE: 8 Q. Okay. Is one of those circuits the 9 design we talked about, the 61 C2 multipliers? 10 A. So I discuss in the report how the 11 design with 61 C2 multiplier anticipates some 12 claims. Like I said, I lay that out in the report. 13 Q. There are two claims at issue in this 14 case. You know that, right, Doctor Leeser? 15 A. That's correct. 16 Q. And do you believe that the 61 C2 17 multiplier circuit as implemented by you and Pavle 18 Belanovic anticipates both of those claims? 19 A. Can you explain to me what those two 20 claims are precisely? 21 Q. Certainly. So are you aware -- let's 22 mark the patents in suit as exhibits. 23 Rather than doing that, are you aware 24 that this is a patent case involving a claim of 25 patent infringement, Doctor Leeser?</p>	<p style="text-align: right;">Page 43</p> <p>1 to satisfy every limitation of that claim, 2 correct? 3 MR. NARAYEN: Objection, asked and 4 answered, calls for a legal conclusion. 5 A. I stand by my prior testimony. 6 BY MR. SEEVE: 7 Q. Again, that's -- that's not an answer. 8 Let me ask the question again. Let me ask the 9 question again once I log on to the realtime feed, 10 if I can. 11 MR. NARAYEN: Counsel, if you wouldn't 12 mind refraining from the colloquy and just stick 13 to questions of Doctor Leeser. 14 MR. SEEVE: Sure. I just wanted to 15 explain why I'm not asking a question right now, 16 because I'm logging on to the realtime feed. 17 MR. NARAYEN: No, the editorializing I 18 was referring to saying that that's not an answer. 19 If you could just stick to questions of 20 Doctor Leeser, we would appreciate that. 21 BY MR. SEEVE: 22 Q. Doctor Leeser, the question that I 23 asked is you've explained -- let me start again. 24 You understand that in order to anticipate a 25 claim, a particular device has to satisfy every</p>
<p style="text-align: right;">Page 42</p> <p>1 A. Yes, I am. 2 Q. And you are aware of what claims have 3 been asserted against Google in this case, right? 4 A. So in my report I lay out my response 5 to the claims -- of the asserted claims in section 6 7. So those are the claims that my report 7 addresses. 8 Q. Okay. That's not quite what I asked. 9 I'm sorry, that's not quite what I asked, 10 Doctor Leeser. I'm just asking if you're aware of 11 what patents have been asserted in this lawsuit, 12 and what particular claims of those patents are at 13 issue in this lawsuit, correct? 14 MR. NARAYEN: Objection, vague. Lacks 15 foundation. 16 A. So I'm aware that this is a patent 17 lawsuit. I'm aware there are two patents that 18 we're looking at, and two claims which have other 19 claims associated with them, and that's laid out in 20 section 7 of my report. Those are the two claims 21 that I understand that we're talking about. 22 BY MR. SEEVE: 23 Q. Understood. Now, and you've also 24 explained that in order to anticipate a patent 25 claim, you understand that a particular device has</p>	<p style="text-align: right;">Page 44</p> <p>1 limitation of that claim, correct? 2 MR. NARAYEN: Objection, asked and 3 answered, calls for a legal conclusion. 4 A. Yeah, I'm not going to answer that 5 question. 6 BY MR. SEEVE: 7 Q. So you're refusing to answer the 8 question, is that correct? I just want to make 9 sure I understand. 10 A. Ask the question again. 11 Q. The question is, you understand that in 12 order to anticipate a claim, a particular device 13 has to satisfy every limitation of the claim, 14 correct? 15 MR. NARAYEN: Objection, asked and 16 answered, calls for a legal conclusion. 17 A. That is -- that's my understanding. 18 BY MR. SEEVE: 19 Q. Okay. Can you identify any device that 20 you or Pavle Belanovic or any of your graduate 21 students made using the VFLOAT library that 22 anticipates either of the claims asserted in this 23 case? 24 MR. NARAYEN: Objection, vague, 25 mischaracterizes the witness' report. The report</p>

MIRIAM LEESER PHD
SINGULAR COMPUTING vs GOOGLE

March 08, 2023
45-48

<p style="text-align: right;">Page 45</p> <p>1 speaks for itself.</p> <p>2 A. I would analyze how the design</p> <p>3 addresses each of the claims in my report.</p> <p>4 BY MR. SEEVE:</p> <p>5 Q. And what design are you referring to?</p> <p>6 MR. NARAYEN: Objection, asked and</p> <p>7 answered, vague.</p> <p>8 A. Can you ask the question again?</p> <p>9 BY MR. SEEVE:</p> <p>10 Q. You said, I would analyze how the</p> <p>11 design addresses each of the claims in my report,</p> <p>12 and I -- my question was, what design are you</p> <p>13 referring to?</p> <p>14 MR. NARAYEN: Same objection.</p> <p>15 A. I'm just going to stand by the analysis</p> <p>16 in the report about how the -- about the claims and</p> <p>17 how VFLOAT anticipates the claims.</p> <p>18 BY MR. SEEVE:</p> <p>19 Q. So you cannot, as you sit here now,</p> <p>20 identify any particular design that you think</p> <p>21 satisfies -- excuse me, start again.</p> <p>22 As you sit here right now, you cannot</p> <p>23 identify any particular circuit made using the</p> <p>24 VFLOAT library that you believe anticipates any of</p> <p>25 the asserted claims, is that correct?</p>	<p style="text-align: right;">Page 47</p> <p>1 Q. So, Doctor Leeser, I'm asking you a</p> <p>2 question about what you know right now and can</p> <p>3 say. Saying that something is disclosed in your</p> <p>4 report does not -- does not answer that question.</p> <p>5 If you can't answer a question right</p> <p>6 now about what you can identify right now as a</p> <p>7 device that anticipates the claims, that is the</p> <p>8 answer to my question. The answer would be no.</p> <p>9 So I'm going to ask you again, can you</p> <p>10 identify any single circuit that you built using</p> <p>11 the VFLOAT library and implemented on an FPGA that</p> <p>12 anticipates the claims?</p> <p>13 MR. NARAYEN: Objection, asked and</p> <p>14 answered, argumentative, mischaracterizes the</p> <p>15 witness' report.</p> <p>16 A. So I believe that there are several</p> <p>17 designs that meet every single one of the</p> <p>18 limitations, but I am not prepared right now to</p> <p>19 identify one that does that without further</p> <p>20 analysis.</p> <p>21 BY MR. SEEVE:</p> <p>22 Q. So you haven't analyzed whether or not</p> <p>23 these designs actually anticipate the claims;</p> <p>24 you're saying that further analysis would be</p> <p>25 required before you could make that determination,</p>
<p style="text-align: right;">Page 46</p> <p>1 MR. NARAYEN: Objection.</p> <p>2 Mischaracterizes the witness' prior testimony,</p> <p>3 mischaracterizes the witness' report. The report</p> <p>4 speaks for itself.</p> <p>5 A. You just said any of the asserted</p> <p>6 claims, and I step through it in my report how</p> <p>7 designs implemented with the VFLOAT library</p> <p>8 anticipate the -- the claims.</p> <p>9 BY MR. SEEVE:</p> <p>10 Q. So I understand that your report goes</p> <p>11 limitation by limitation through the asserted</p> <p>12 claims, and that in each section you make</p> <p>13 reference to various circuits, some of which you</p> <p>14 claim meet that limitation, and some of which you</p> <p>15 just mention.</p> <p>16 But as you've said, in order to</p> <p>17 anticipate a claim, there has to be a single one</p> <p>18 of them that satisfies every single one of the</p> <p>19 requirements. Can you identify any such circuit</p> <p>20 as you sit here today?</p> <p>21 MR. NARAYEN: Objection, vague,</p> <p>22 compound, mischaracterizes the witness' report,</p> <p>23 the report speaks for itself.</p> <p>24 A. I'll stick with I stand by my report.</p> <p>25 BY MR. SEEVE:</p>	<p style="text-align: right;">Page 48</p> <p>1 is that correct?</p> <p>2 A. No, that is not correct. I said that I</p> <p>3 would -- before committing that there is one</p> <p>4 particular design that anticipates each and every</p> <p>5 one of the limitations I'd like to do further</p> <p>6 analysis. So I lay out in the report exactly how</p> <p>7 the designs anticipate the claims in the patent.</p> <p>8 Q. Okay. So let me point you to page 95</p> <p>9 of your report, paragraph 239.</p> <p>10 A. Okay.</p> <p>11 Q. Are you there?</p> <p>12 A. Yes.</p> <p>13 Q. You see how it says, Even if our system</p> <p>14 containing 61 C2 multipliers is considered or</p> <p>15 deemed not to anticipate the claim, do you see</p> <p>16 that sentence?</p> <p>17 A. Uh-hum.</p> <p>18 Q. Is it fair to say that your report</p> <p>19 argues that that system does anticipate the claim?</p> <p>20 That is your argument, correct?</p> <p>21 A. So the claim that's being discussed</p> <p>22 there is, I believe, the claim -- I'm not sure,</p> <p>23 actually.</p> <p>24 Not to anticipate the claim with</p> <p>25 respect to this limitation. I'm not actually sure</p>

MIRIAM LEESER PHD
SINGULAR COMPUTING vs GOOGLE

March 08, 2023
49-52

<p style="text-align: right;">Page 49</p> <p>1 which limitation I'm referring to there. I believe</p> <p>2 it's the limitation, let me check, on page 83 which</p> <p>3 refers to the number of execution units. On page</p> <p>4 83.</p> <p>5 Q. All right. So what you're telling me</p> <p>6 is that you're not prepared to tell me which</p> <p>7 circuits designed using VFLOAT, if any, meet all</p> <p>8 of the claim requirements of the asserted claims,</p> <p>9 correct?</p> <p>10 MR. NARAYEN: Objection, asked and</p> <p>11 answered, mischaracterizes the witness' prior</p> <p>12 testimony.</p> <p>13 A. So I laid out in my report how designs</p> <p>14 designed with the VFLOAT library anticipate the</p> <p>15 claims, and I would like to further analyze one</p> <p>16 particular design against all the claims, but I lay</p> <p>17 out in the report, the paragraph you referred to,</p> <p>18 paragraph 239, refers particularly to the</p> <p>19 limitation regarding the number of LPHDR execution</p> <p>20 units in the device.</p> <p>21 BY MR. SEEVE:</p> <p>22 Q. All right, okay. So let me go through</p> <p>23 that, because I think -- so you said you laid out</p> <p>24 in your report how designs anticipate the claims.</p> <p>25 You said you'd like to analyze further one</p>	<p style="text-align: right;">Page 51</p> <p>1 And the particular paragraph you asked</p> <p>2 me to look at particularly refers to the number of</p> <p>3 units. I would like to analyze one particular</p> <p>4 design, the 61 C2 multipliers, take that one,</p> <p>5 against all of the claim before I go on record</p> <p>6 saying that that one design addresses all of the</p> <p>7 limitations.</p> <p>8 Q. So as you sit here now without</p> <p>9 referencing your report further, you don't know</p> <p>10 whether that design with 61 C2 multipliers</p> <p>11 satisfies all of the requirements of the claim,</p> <p>12 you can only speak as to this one requirement that</p> <p>13 you're looking at right now?</p> <p>14 MR. NARAYEN: Objection,</p> <p>15 mischaracterizes the witness' testimony and her</p> <p>16 report.</p> <p>17 A. So I would like to further analyze one</p> <p>18 particular design against all the limitations</p> <p>19 before stating that that particular design</p> <p>20 anticipates all of the limitations. I believe</p> <p>21 that --</p> <p>22 BY MR. SEEVE:</p> <p>23 Q. When you say -- I'm sorry, I have a</p> <p>24 question about what you mean when you say analyze.</p> <p>25 Do you mean that you would need to perform further</p>
<p style="text-align: right;">Page 50</p> <p>1 particular design against all of the claims.</p> <p>2 Is it fair to interpret that to say</p> <p>3 that you talked about how various designs meet</p> <p>4 individual limitations of the claim, but you</p> <p>5 analyzed one design that meets all of them,</p> <p>6 correct?</p> <p>7 MR. NARAYEN: Objection, compound,</p> <p>8 mischaracterizes the witness' testimony. Brian, I</p> <p>9 didn't even understand that question.</p> <p>10 MR. SEEVE: That is not really the</p> <p>11 standard, Vishesh.</p> <p>12 MR. NARAYEN: It didn't make</p> <p>13 grammatical sense, I couldn't follow. If you</p> <p>14 wouldn't mind reasking it.</p> <p>15 MR. SEEVE: So the witness said I laid</p> <p>16 out in my report how designs designed with the</p> <p>17 VFLOAT library anticipate the claims, and I would</p> <p>18 like to further analyze one particular design</p> <p>19 against all of the claims. I'm just trying to</p> <p>20 clarify what that means.</p> <p>21 BY MR. SEEVE:</p> <p>22 Q. What did you mean when you said that?</p> <p>23 A. So the report lays out design --</p> <p>24 circuits designed with a VFLOAT library how they</p> <p>25 anticipate the claims in the patent.</p>	<p style="text-align: right;">Page 52</p> <p>1 analysis to determine whether or not that</p> <p>2 particular design meets the requirements of the</p> <p>3 claim?</p> <p>4 MR. NARAYEN: Objection, vague.</p> <p>5 A. I would like to sit down with every</p> <p>6 particular limitation and confirm that, in fact,</p> <p>7 this one design does meet every single limitation</p> <p>8 before I unequivocally state that this one design</p> <p>9 anticipates every limitation.</p> <p>10 BY MR. SEEVE:</p> <p>11 Q. So you're saying that at present</p> <p>12 without, I guess, analysis that you have not yet</p> <p>13 done, you cannot say whether this design with 61</p> <p>14 C2 multipliers anticipates the claim?</p> <p>15 MR. NARAYEN: Objection, vague,</p> <p>16 mischaracterizes the witness' prior testimony,</p> <p>17 asked and answered.</p> <p>18 A. My belief is that this one design</p> <p>19 probably does meet the limitations, but I'm not</p> <p>20 prepared to go on record stating that without</p> <p>21 further checking each of the limitations. So I</p> <p>22 believe that it does, but it requires further</p> <p>23 analysis.</p> <p>24 BY MR. SEEVE:</p> <p>25 Q. Okay. So you believe it probably</p>

MIRIAM LEESER PHD
SINGULAR COMPUTING vs GOOGLE

March 08, 2023
53-56

<p style="text-align: right;">Page 53</p> <p>1 anticipates the claim, that's -- that's your 2 testimony? 3 A. Yes. 4 Q. Okay. So let's talk a little bit about 5 that system, that C2 system with the 61 6 multipliers on it. And you're not sure whether 7 that system anticipates the claim, but I'm going 8 to ask you some questions about it anyway. Is 9 that okay? 10 MR. NARAYEN: Objection, compound. 11 Mischaracterizes the witness' prior testimony. 12 A. I believe that that system does 13 anticipate all the limitations. I'd like to do 14 further analysis before I unequivocally state that, 15 and I'm happy to answer more questions about that 16 particular system. 17 BY MR. SEEVE: 18 Q. I think you said you believe the system 19 probably anticipates though, wasn't that your 20 testimony? 21 MR. NARAYEN: Objection, 22 mischaracterizes the witness' prior testimony. 23 Asked and answered. 24 MR. SEEVE: It doesn't mischaracterize 25 the witness' testimony. It's a direct quote from</p>	<p style="text-align: right;">Page 55</p> <p>1 the FPGA and tested as part of the research that 2 Pavle Belanovic did for his thesis. 3 Q. And it was part of an experiment to 4 show how many of a given module could fit on an 5 FPGA, is that right? 6 A. So it was one of the designs that we 7 downloaded on to the FPGA. Yes, we were looking at 8 how many designs could fit on to an FPGA. 9 Q. Okay. So from now on, just because 10 saying 62 C2 multipliers system is cumbersome, I'm 11 going to refer to that as the C2 multiplier test 12 system. 13 Okay, so when I say C2 multiplier test 14 system, I am referring to the system described in 15 your report created by you and Pavle Belanovic in 16 which you placed 61 C2 multipliers on an FPGA 17 using a WILDSTAR connected to a host workstation. 18 Is that fair? 19 A. Yes. 20 Q. Okay. 21 A. It is 61 multipliers. You keep saying 22 62, but it's 61. 23 Q. I'm sorry, it's just C2 and 61, I get 24 confused sometimes. Maybe I'll just restate that 25 just so we're absolutely clear.</p>
<p style="text-align: right;">Page 54</p> <p>1 the witness' prior testimony, Vishesh. If you 2 could keep those objections to where they're 3 appropriate, I think we'll all get through this 4 faster. Let me reask that question. 5 BY MR. SEEVE: 6 Q. So I believe your testimony, 7 Doctor Leeser, was that you think the C2 system 8 with the 61 multipliers probably anticipates the 9 claim, right? Is that correct? 10 MR. NARAYEN: Same objections. 11 A. I believe the system with the 61 12 multipliers anticipates all of the claim 13 limitations, but I would like to analyze further 14 before I go on the record stating that that is the 15 case. 16 BY MR. SEEVE: 17 Q. Okay. So now I'm going to ask you a 18 few questions about that system that you believe 19 might anticipate the claim. Is that okay? 20 A. Yes. 21 Q. Now, you say in your report that 22 this -- and just for the -- the 61 C2 multiplier 23 system was performed as a test to validate your 24 work, is that right? 25 A. The 61 C2 multipliers was downloaded on</p>	<p style="text-align: right;">Page 56</p> <p>1 MR. NARAYEN: Counsel, it sounds like 2 you're moving on to another topic. 3 MR. SEEVE: Not really. 4 MR. NARAYEN: Time for a break? 5 MR. SEEVE: I mean, if the witness 6 wants to take a break, that's fine, but, I mean we 7 can -- we can break or not. 8 MR. NARAYEN: Doctor Leeser said a few 9 more minutes is fine. 10 MR. SEEVE: And, Doctor Leeser, when 11 you want to take a break just say so, and we will. 12 THE WITNESS: We can keep going. 13 MR. SEEVE: So I'm going to mark as an 14 exhibit the thesis of Pavle Belanovic as Exhibit 2 15 to this deposition. Give me a moment. And 16 momentarily it should show up in that folder. Let 17 me know when it does. 18 (Leeser Exhibit 2 was marked for identification.) 19 A. I can see it. 20 MR. SEEVE: And I'd just like to 21 explain that this copy of Doctor Belanovic's 22 thesis is not the copy Google produced, because 23 the copy Google produced has all the images 24 backward for some reason, but it is the copy that 25 I downloaded from the Northeastern website that is</p>